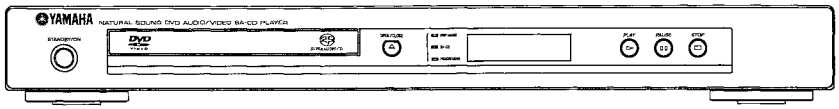
YAMAHA

UA

DVD AUDIO/VIDEO SA-CD PLAYER
LECTEUR DE DVD AUDIO/VIDEO SA-CD

DVD-S657

OWNER'S MANUAL
MODE D'EMPLOI



AUDIO/VIDEO SUPER AUDIO CD COMPACT DIGITAL VIDEO

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

- Explanation of Graphical Symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1 Read Instructions — All the safety and operating instructions should be read before the product is operated.

2 Retain Instructions — The safety and operating instructions should be retained for future reference.

3 Heed Warnings — All warnings on the product and in the operating instructions should be adhered to.

4 Follow Instructions — All operating and use instructions should be followed.

5 Cleaning — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6 Attachments — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7 Water and Moisture — Do not use this product near water — for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8 Accessories — Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9 A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

10 Ventilation — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11 Power Sources — This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12 Grounding or Polarization — This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13 Power-Cord Protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

14 Lightning — For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

15 Power Lines — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

16 Overloading — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

17 Object and Liquid Entry — Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

18 Servicing — Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

19 Damage Requiring Service — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a) When the power-supply cord or plug is damaged,

b) If liquid has been spilled, or objects have fallen into the product,

c) If the product has been exposed to rain or water,

d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,

e) If the product has been dropped or damaged in any way, and

f) When the product exhibits a distinct change in performance - this indicates a need for service.

20 Replacement Parts — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

21 Safety Check — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

22 Wall or Ceiling Mounting — The unit should be mounted to a wall or ceiling only as recommended by the manufacturer.

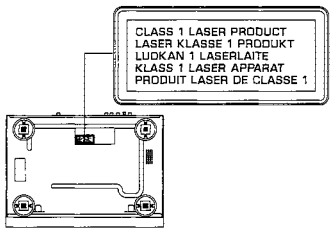
23 Heat — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

FCC INFORMATION (for US customers)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!
   This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.
2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.
3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices.
   Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the product "OFF" and "ON", please try to eliminate the problem by using one of the following measures:
   Relocate either this product or the device that is being affected by the interference.
   Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.
   In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.
   If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Electronics Corp., 6660 Orangethorpe Ave. Buena Park, CA90622.
   The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

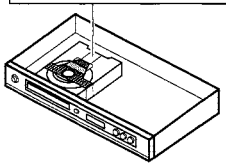
We Want You Listening For A Lifetime

YAMAHA and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion - and, most importantly, without affecting your sensitive hearing.
Since hearing damage from loud sounds is often undetectable until it is too late, YAMAHA and the Electronic Industries Association's Consumer Electronics Group recommend you to avoid prolonged exposure from excessive volume levels.



CAUTION: INVISIBLE LASER RADIATION WHEN OPEN
DO NOT STARE INTO BEAM

DANGER: INVISIBLE LASER RADIATION WHEN OPEN
AVOID DIRECT EXPOSURE TO THE BEAM



For Customer Use:

Read carefully the information located at the bottom of the player (U.S.A. model) and enter below the Serial No. Retain this information for future reference.

Model No.
Serial No. _____

FOR CANADIAN CUSTOMERS

To prevent electric shock, match wide blade of plug to wide slot and fully insert.
This Class B digital apparatus complies with Canadian ICES-003.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

POUR LES CONSOMMATEURS CANADIENS

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION: READ THIS BEFORE OPERATING YOUR UNIT.

1 To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
2 Install this sound system in a well ventilated, cool, dry, clean place — away from direct sunlight, heat sources, vibration, dust, moisture, or cold. In a cabinet, allow about 2.5cm (1 inch) of free space all around this unit for adequate ventilation.
3 Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
4 Do not expose this unit to sudden temperature changes from cold to hot, nor locate this unit in an environment with high humidity (i.e., a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
5 Avoid installing this unit in a location where foreign objects may fall onto this unit or where this unit may be exposed to liquid dripping or splashing. On the top of this unit, do not place:
   – Other components, as they may cause damage and/or discoloration on the surface of this unit.
   – Burning objects (i.e., candles), as they may cause fire, damage to this unit, and/or personal injury.
   – Containers with liquid in them, as they may fall, spilling the liquid and causing an electrical shock to the user and/or damage to this unit.
6 Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.
7 Do not plug in this unit to a wall outlet until all connections are complete.
8 Do not operate this unit upside-down. It may overheat, possibly causing damage.
9 Do not use excessive force on switches, knobs and/or cords.
10 When disconnecting the power cord from the wall outlet, grasp the plug; do not pull the cord.
11 Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
12 Use only the voltage specified on this unit. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. YAMAHA will not be held responsible for any damage resulting from use of this unit with a voltage other than as specified.
13 To prevent damage by lightning, disconnect the power cord from the wall outlet during an electrical storm.
14 Do not attempt to modify or fix this unit. Contact qualified YAMAHA service personnel when any service is needed. The cabinet should never be opened for any reason.
15 When not planning to use this unit for long periods of time (i.e., vacation), disconnect the AC power plug from the wall outlet.
16 Be sure to read the "Troubleshooting" section on common operating errors before concluding that this unit is faulty.
17 Before moving this unit, press STANDBY/ON to set the unit in standby mode, then disconnect the AC power plug from the wall outlet.

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

When playing DTS encoded CDs, excessive noise will be heard from the analog stereo outputs. To avoid possible damage to the audio system, the consumer should take proper precautions when the analog stereo outputs of the player are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1-channel DTS Digital Surround™ decoder system must be connected to the digital output of the player.

LASER SAFETY

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

CAUTION

VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM. (WARNING LOCATION: INSIDE ON LASER COVERSHIELD OR THE BACKPLATE OF SET)

LASER	
Type	Semiconductor laser GaAlAs
Wave length	650 nm (DVD) 780 nm (VCD/CD)
Output Power	7 mW (DVD) 10 mW (VCD/CD)
Beam divergence	60 degree

DANGER

This unit emits visible laser radiation when open. Avoid direct eye exposure to beam.
When this unit is plugged into a wall outlet, do not place your eyes close to the opening of the disc tray and other openings or look inside.

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Thank you for purchasing this unit. This Owner's Manual explains the basic operation of this unit.

Region Codes

DVD discs must be labeled for ALL regions, Region 1 (U.S.A model) or Region 4 (Australia model) in order to play on this Player. You cannot play Discs that are labeled for other regions.

Supplied accessories

- Remote control
- Batteries (two AA size) for remote control
- Audio pin cable
- Video pin cable
- Owner's Manual

Notes about discs

- This unit is designed for use with DVD video, Video CD, Super video CD, DVD-Audio, Super Audio CD (SA-CD), Audio CD, CD-R, CD-RW, DVD+RW, DVD+R, DVD-R, DVD-RW and DVD-RW (VR format).

This unit can play:
- MP3, picture (Kodak, JPEG) files on CD-R(W).
  - JPEG/ISO 9660 format
  - Maximum 30 characters display.
- DivX® disc on CD-R[W]/DVD+R[W]/DVD-R[W] (3.11, 4.x and 5.x)
- Dual layer DVDs
- CD-R, CD-RW, DVD+R/RW, DVD-R/RW and DVD-RW (VR format) cannot be played unless finalized.
- Some discs cannot be played depending on the recording conditions such as PC environment and application software. The characteristics and condition of the discs; materials, scratches, curvature, etc., may result in failure.
- Be sure to use only CD-R and CD-RW discs made by reliable manufacturers.
- Do not use any non standard shaped discs (heart, etc.).
- Do not use disc with tape, stickers, or paste on it. Doing so may damage the unit.
- Do not use a disc which has been printed on its surface by a commercially available label printer.

Cleaning discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out. Do not wipe in a circular motion.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog records.

Patent information

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

DivX, DivX Certified, and associated logos are trademarks of DivXNetworks, Inc and are used under license.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Functional Overview

Front Panel

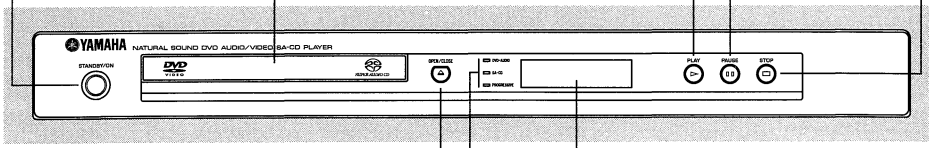
■ STOP
– stops playback

STANDBY/ON
– turns on this unit or sets it to the standby mode

II PAUSE
– pauses playback

► PLAY
– starts playback

Disc tray



DVD-AUDIO indicator
– lights up when the player detects DVD-Audio signals

SA-CD indicator
– lights up when the player detects SA-CD signals

PROGRESSIVE indicator
– lights up when the unit enters Progressive mode

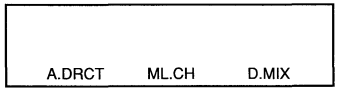
▲ OPEN/CLOSE
– opens or closes the disc tray

Front panel display
– shows information about the operational status of the unit

A.DRCT
– lights up when you enter the AUDIO DIRECT mode by pressing the AUDIO DIRECT button on the remote control during audio disc playback

ML.CH
– lights up when you play multi-channel audio source

D.MIX
– lights up when you play the discs that allow down mixing of the multi-channel audio sources



English

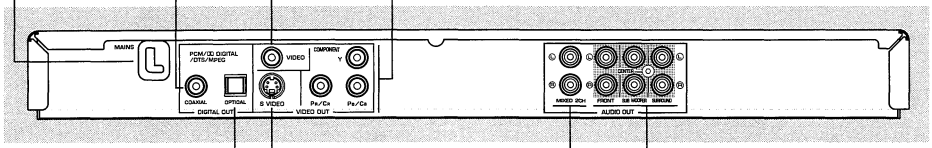
Rear Panel

COMPONENT video outputs
– connect to an AV receiver with Y PB/CB PR/CR inputs

AC Power Cord
– connects to a standard AC outlet

VIDEO output (composite video out)
– connects to a video input on your AV receiver

COAXIAL digital audio output
– connects to a digital (coaxial) input of your AV receiver or stereo system



S VIDEO output
– connects to an S-Video input on your AV receiver

MIXED 2CH output
– connect to the audio jacks on your AV receiver or stereo system

OPTICAL digital audio output
– connects to a digital (optical) input on your AV receiver or stereo system

6ch discrete output
– connect to the 6ch input jacks on your AV receiver

Caution: Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

Functional Overview

Remote Control

AUDIO DIRECT
– switches video output on and off during audio disc playback

PAGE
– turns the pages of DVD-Audio still pictures

DIMMER
– use to select from 3 different brightness levels for the display

SOUND MODE
– selects a sound mode: Stereo, Virtual Surround or Multi-channel
– changes the SA-CD playback area

TOP MENU/RETURN
– displays the top-level disc menu (DVD)
– moves back to the previous menu (VCD)

MENU
– accesses the disc's menu (for DVDs)
– switches PBC on/off (for VCDs)

◄ ► ▲ ▼
– (left/right/up/down) selects an item in the currently displayed menu

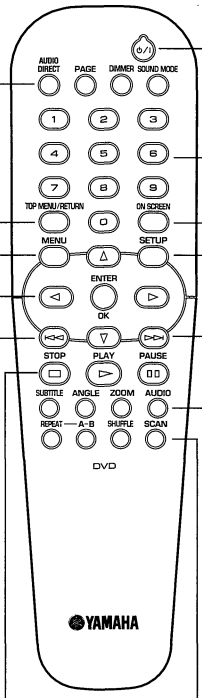
ENTER/OK
– acknowledges the menu selection

|◄◄
– searches backward*
– moves to the previous chapter or track

STOP (■)
– stops playback

PLAY (►)
– starts playback

PAUSE (II)
– pauses playback temporarily
– frame-by-frame playback



⏻/ I
– turns on this player or sets it to the standby mode

numeric buttons
– selects numbered items in the currently displayed menu

ON SCREEN
– accesses or clears the player's On Screen Display menu

SETUP
– accesses or clears the player's setup menu

►►|
– searches forward*
– moves to the next chapter or track

SUBTITLE
– selects the language for subtitles

ANGLE
– selects the DVD camera angle

ZOOM
– enlarges the video image

AUDIO
– selects the audio language or format selector
– changes the Hybrid SA-CD playback layer

REPEAT
– repeats the chapter, track, title or disc

A-B
– repeats a specific segment

SHUFFLE
– plays tracks in random order

SCAN
– plays the first 6 seconds or less of each track/chapter on the disc

** Press and hold button for about two seconds.*

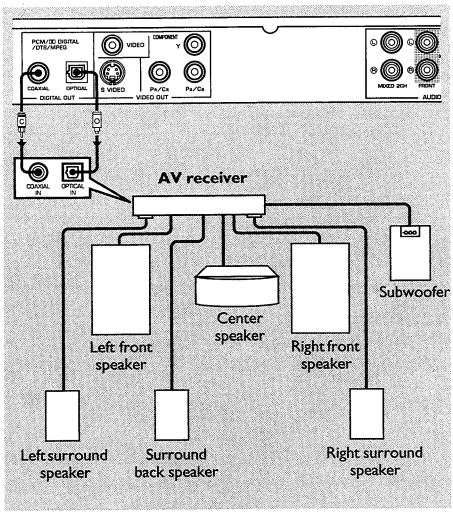
General Notes on connections

Never make or change connections with the power switched on.

- Depending on the equipment you wish to connect, there are various ways you could connect this unit. Possible connections are shown in the following drawings.
- Please refer to the manuals of other equipment as necessary to make the best connections.
- Do not connect this unit via your VCR. The video quality could be distorted by the copy protection system.
- Do not connect this unit's audio out jack to the phono in jack of your audio system.

Digital Connections

This unit has COAXIAL and OPTICAL digital out jacks. Connect one or both of them to your AV receiver equipped with Dolby digital, DTS, or MPEG decoder using a commercially available cable.



You will need to set this unit's digital output to ALL (see page 26 "DIGITAL OUTPUT").

Note:

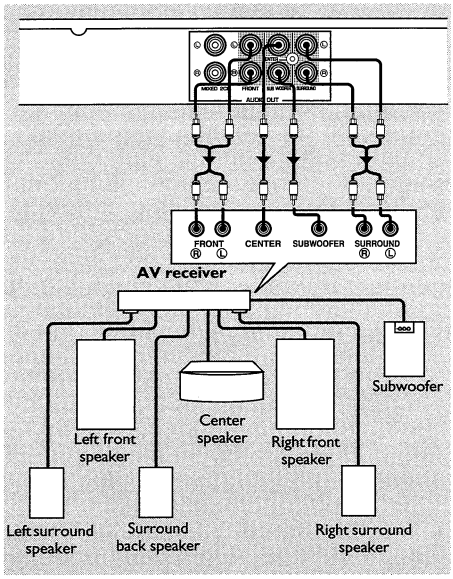
- *If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all. Make sure to select the appropriate audio format at menu screen included on the disc. Pressing AUDIO once or more may change not only audio languages but also audio formats, and the selected format appears for several seconds on the status window.*
- *SA-CD audio signals are not output from the DIGITAL OUT jacks.*
- *If you wish to enjoy Dolby Digital, DTS, and MPEG format, you must connect this player to an AV receiver that supports these formats.*

Analog Connections

This player has two types of analog output jacks.

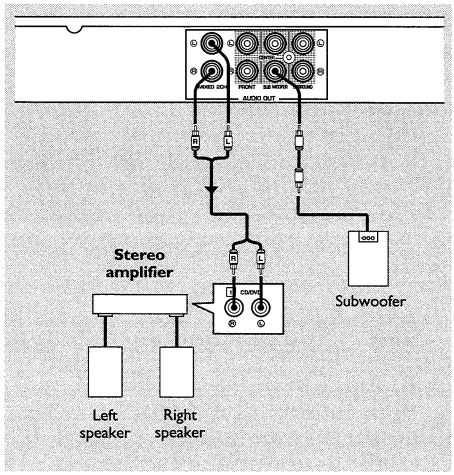
6ch discrete jacks

To reproduce multi-channel Super Audio CD and DVD-Audio, connect these jacks to your AV receiver's multi channel input jacks using commercially available audio pin cables.



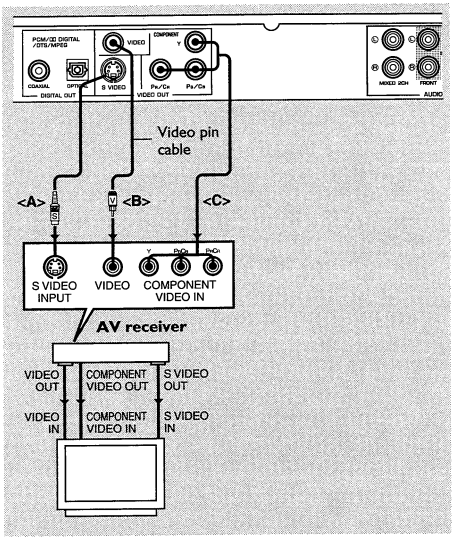
MIXED 2CH jacks

Use the audio/video cable supplied with this player to connect the L (left) and R (right) jacks to the corresponding input jacks of your audio component, such as a stereo amplifier. You can connect a subwoofer to the SUBWOOFER jack.



Video Connections

If your AV receiver has video output jacks, connect your receiver (and then to your TV) so that you can use one TV for several different video sources (LD, VCR, etc.) by simply switching the input source selector of your receiver.
The player has three types of video output jacks. Use one of them in accordance with the input jacks of the equipment to be connected.



S-Video terminal <A>

S (separate) video connection achieves a clearer picture than composite video connection by separating color and luminance when transmitting signals. Use commercially available S-video cable. Receiver (and TV) with S-video input is required.

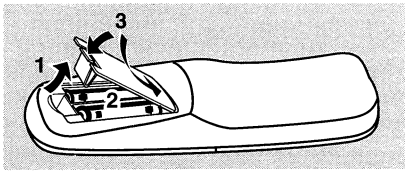
Composite Video terminal <B>

Use the supplied video pin cable when connecting the player to an AV receiver.

Component Video terminal <C>

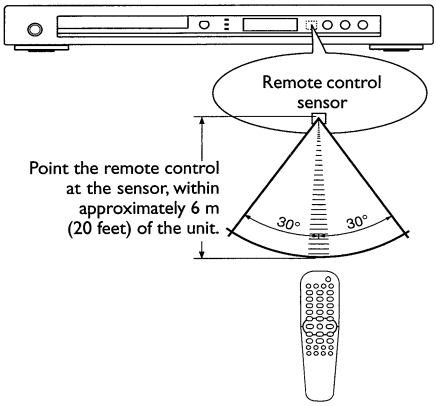
Component video connection achieves high fidelity in reproducing colors (better performance than S-video connection), separating video signal into luminance (Y, terminal color-coded as green), and color difference (Pb, blue/Pr, red). Use commercially available coaxial cables. Receiver (and TV) with component input is required. Observe the color of each jack when connecting. If your receiver does not have component output jacks, connecting the player's component output directly to your TV's component input can reproduce better video image.

Step1: Inserting batteries into the Remote Control



1 Open the battery compartment.
2 Insert the supplied two batteries type R06 or AA, following the indications (+ –) inside the compartment.
3 Close the cover.

Using the remote control



Handling the remote control

- Do not spill water or other liquids on the remote control.
- Do not drop the remote control.
- Do not leave or store the remote control in the following types of conditions:

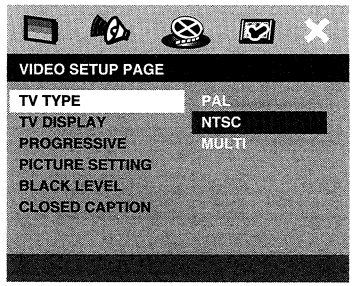
– high humidity such as near a bath
– high temperature such as near a heater or stove
– extremely low temperature
– dusty places

Step2: Turning on the power

1 Connect the AC power cord to the power outlet.
2 Turn on the TV and your AV receiver.
3 Select the appropriate input source at the AV receiver that was used to connect to this unit. Refer to the equipment owner's manual for details.
4 Turn this unit on.
5 Set the TV to the correct Video IN channel (eg. EXT1, EXT2, AV1, AV2, AUDIO/ VIDEO, etc. Refer to your TV owner's manual for details).
➜ The front display lights up and the default screen appears on the TV.

Step3: Selecting the color system that corresponds to your TV

This DVD Player is compatible with both NTSC and PAL. Select the color system that matches your TV.



1 Press **SETUP**.
2 Press ▶ repeatedly to select [VIDEO SETUP PAGE].
3 Press ▲▼ to highlight [TV TYPE], then press ▶.

4 Press ▲▼ to highlight one of the options below:

PAL

Select this if the connected TV is PAL system. It will change the video signal of an NTSC disc and output in PAL format.

NTSC

Select this if the connected TV is NTSC system. It will change the video signal of a PAL disc and output in NTSC format.

MULTI

Select this if the connected TV is compatible with both NTSC and PAL (multi-system). The output format will be in accordance with the video signal of the disc.

5 Select an item and press **ENTER/OK**.

Notes:

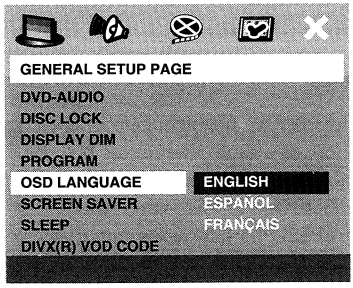
- *Before changing the current TV Standard setting, ensure that your TV supports the 'selected TV Type' system.*
- *If there is not a proper picture on your TV, wait for 15 seconds for auto recover.*

CHANGING NTSC TO PAL
1. ENSURE THAT YOUR TV SYSTEM SUPPORTS PAL STANDARD.
2. IF THERE IS A DISTORTED PICTURE DISPLAYED ON THE TV, WAIT 15 SECONDS FOR AUTO RECOVER.
OK
Cancel

Step4: Setting language preference

You can select your own preferred language settings.This DVD Player will automatically switch to the language for you whenever you load a disc. If the language selected is not available on the disc, the disc's default language will be used instead. The OSD language in the system menu will remain once selected.

Setting the OSD Language



1 Press **SETUP**.

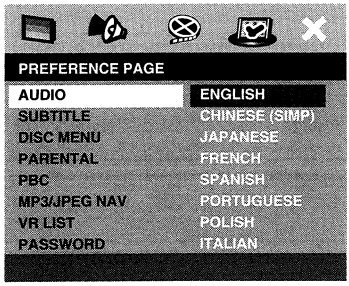
2 Press ◀ ▶ to select [GENERAL SETUP PAGE].

3 Press ▲▼ to highlight [OSD LANGUAGE], then press ▶.

4 Press ▲▼ to select a language and press **ENTER/OK**.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

Setting the Audio, Subtitle and Disc menu language



1 Press **STOP (■)** twice, then press **SETUP**.

2 Press ▶ repeatedly to select [PREFERENCE PAGE].

3 Press ▲▼ to highlight one of the options below at a time, then press ▶.
- 'AUDIO' (disc's soundtrack)
- 'SUBTITLE' (disc's subtitles)
- 'DISC MENU' (disc's menu)

4 Press ▲▼ to select a language and press **ENTER/OK**.

If the language you want is not in the list, then select [OTHERS], then use the **numeric buttons** on the remote to enter the 4-digit language code (see page 33 "Language Codes") and press **ENTER/OK**.

5 Repeat steps **3–4** for other options settings.

Step 5: Setting Speaker Channels

You can adjust the delay times (for center and surround speakers only) and the volume level for individual speakers. These adjustments let you optimize the sound of your system to best suit your surroundings and setup.

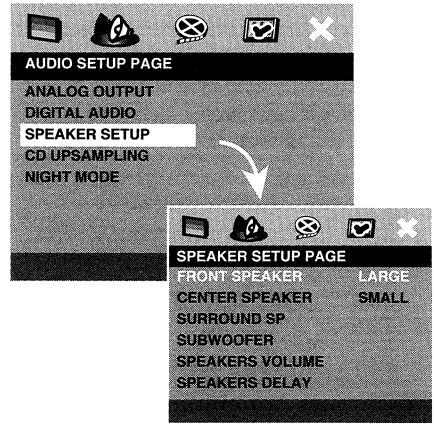
IMPORTANT!

Speaker settings are only available for multi-channel audio output.

1 Press **SETUP**.

2 Press ▶ repeatedly to select [AUDIO SETUP PAGE].

3 Press ▲▼ to highlight [SPEAKER SETUP], then press ▶.



4 Enter a submenu by pressing ▶.

5 Press ▲▼ to highlight one of the options below, then press ▶.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

[FRONT SPEAKER, CENTER SPEAKER, SURROUND SP]

OFF
(only for CENTER and SURROUND speakers)
Select when no speakers are connected.

LARGE
Select if the connected speakers can reproduce low frequency signals below 120 Hz.

SMALL
Select if the connected speakers cannot reproduce low frequency signals below 120 Hz.

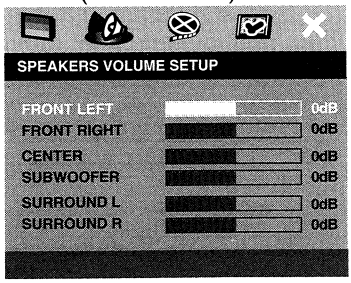
[SUBWOOFER]

ON
Select when a subwoofer is connected.

OFF
Select when no subwoofer is connected.

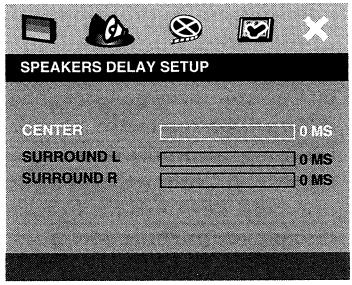
[SPEAKERS VOLUME]

Volume level setting for individual speakers (–6 dB ~ +6 dB).



[SPEAKERS DELAY]

Delay time settings in relation to the listening position/distance for center and surround speakers (0 MS~15 MS).



6 Press ◀ ▶ to adjust the setting that best suits your surround sound needs.

7 Press **ENTER/OK** to confirm.

Notes:
- *Use a longer delay time setting when the surround speakers are closer to the listener than the front speakers.*
- *A test tone will be automatically generated to help you judge the sound level of each speaker.*

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

Disc Operations

IMPORTANT!

- **If the inhibit icon (⊘ or X) appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.**
- **Depending on the DVD or VIDEO CD, some operations may be different or restricted.**
- **Do not push on the disc tray or put any objects other than disc on the disc tray. Doing so may cause the disc player malfunction.**

Basic Playback

1 Press **STANDBY/ON** on the front panel to turn on the DVD player.

2 Press **OPEN/CLOSE** ▲ on the front panel to open disc loading tray.

3 Place the chosen disc in the tray, with the label facing up.

4 Press **OPEN/CLOSE** ▲ again to close the tray.
→ After recognizing this disc, the player begins to play back automatically.
→ If you press **PLAY (►)** when the tray is open, this unit closes the tray and starts playback.

General Operation

Unless otherwise stated, all operations described are based on Remote Control use.

Pausing playback

1 During playback, press **PAUSE (II)**.
→ Playback will pause and sound will be muted.

2 Press **PAUSE (II)** again to select the next picture frame.

3 To resume normal playback, press **PLAY (►)**.

Selecting track/chapter

- Press |◄◄ / ►►| or use the **numeric buttons** to key in a track/chapter number.

→ If repeat mode is active, pressing |◄◄ / ►►| will replay the same track/chapter.

Searching backward/forward

- Press and hold |◄◄ / ►►|, then press **PLAY (►)** to resume normal playback.

→ While searching, pressing |◄◄ / ►►| again will decrease/increase the search speed.

Stopping playback

- Press **STOP (■)**.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Selecting various repeat/shuffle functions

Repeat

- While playing a disc, press **REPEAT** continuously to choose a 'Play Mode'.

DVD-V/DVD-A
- → RPT ONE (repeat chapter)
- → RPT TT (repeat title)
- → RPT OFF (repeat off)

VCD/SVCD/CD
- → RPT ONE (repeat track)
- → RPT ALL (repeat disc)
- → RPT OFF (repeat off)

MP3/DivX/SA-CD
- → RPT ONE (repeat track)
- → RPT FLD (repeat folder)
- → RPT OFF (repeat off)

Note:
- *For VCD, repeat playback is not possible if the PBC mode is switched on.*

Repeating a section within a chapter/track

1 While playing a disc, press **A-B** at your chosen starting point.

2 Press **A-B** again at your chosen end point.
→ The section A and B can be set only within the same chapter/track.
→ The section will now repeat continuously.

3 To exit the sequence, press **A-B**.

Shuffle

This function shuffles the playing order of chapters or tracks within a title/group/album (if the title/group/album has more than one chapter or track) in random order.

1 Press **SHUFFLE** during playback.
→ **SHUFFLE** appears on the screen for about two seconds.

2 To return to normal playback, press **SHUFFLE** again.

Note:
- *For SA-CD, this function works in the currently selected area only.*

Operations for video playback (DVD/VCD/SVCD)

Using the Disc Menu

Depending on the disc, a menu may appear on the TV screen once you load in the disc.

To select a playback feature or item
- Use ◀ ▶ ▲ ▼ or **numeric buttons** on the remote, then press **ENTER/OK** to start playback.

To access or remove the menu
- Press **MENU** on the remote.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Zooming in

This function allows you to enlarge the picture on the TV screen and to pan through the enlarged picture.

1 During playback, press **ZOOM** repeatedly to display the picture with different scales.
➜ Use ◀▶▲▼ to pan through the enlarged picture.
➜ Playback will continue.

2 Press **ZOOM** repeatedly to return to the original size.

Resuming playback from the last stopped point

Resume playback of the last 10 discs is possible, even if the disc was ejected or the power switched off.

1 Load one of the last 10 discs.
➜ "LOADING" appears.

2 Press **PLAY (►)** while the "LOADING" message is displayed.
➜ The disc will be played back from the last point.

To cancel resume mode

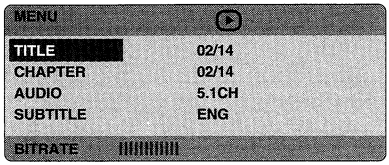
- In stop mode, press **STOP (■)** again.

On-Screen Display (OSD)

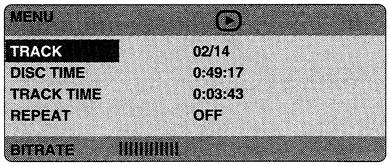
OSD menu shows the disc playback information (for example, title or chapter number, elapsed playing time, audio/ subtitle language), a number of operations can be done without interrupting disc playback.

1 During playback, press **ON SCREEN**.
➜ A list of available disc information appears on the TV screen.

DVD



VCD/SVCD



2 Press ▲▼ to view the information and press **ENTER/OK** to access.

3 Use the **numeric buttons** to input the number/time or press ▲▼ to make the selection, then press **ENTER/OK** to confirm.
➜ Playback will change to the chosen time or to the selected title/chapter/track.

Title/Chapter/Track selection (DVD/ VCD)

1 Press ▲▼ to select [TITLE] or [CHAPTER] (DVD) or [TRACK] (VCD).

2 Press **ENTER/OK**.

3 Select a title, chapter or track number using the **numeric buttons**.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Time Search (DVD/VCD)

1 Press ▲▼ to select [TT TIME] or [CH TIME] (DVD) or [TRACK TIME] or [DISC TIME] (VCD).
→ [TT TIME] refers to the total time of the current title, and the [CH TIME] refers to the total time of the current chapter.

2 Press **ENTER/OK**.

3 Enter hours, minutes and seconds from left to right using the **numeric buttons**. (e.g. 0:34:27)

Audio/Subtitle/Angle (DVD discs)

You can change [AUDIO], [SUBTITLE] or [ANGLE] if it is available on the disc you are playing.

1 Press ▲▼ to select [AUDIO], [SUBTITLE] or [ANGLE].

2 Press **ENTER/OK**.

3 For Audio and Subtitle,
Press ▲▼ to highlight your selection and press **ENTER/OK**.

OR

For Angle,
Select an angle using the **numeric buttons**.

Repeat/Time Display (DVD/VCD)

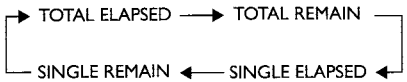
1 Press ▲▼ to select [REPEAT] or [TIME DISP.].

2 Press **ENTER/OK**.

3 Press ▲▼ to highlight your selection and press **ENTER/OK**.

Time display (CD)

Each time you press **ON SCREEN**, the time display changes as follows;



Special DVD Features

Playing a Title

1 Press **MENU**.
→ The disc title menu appears on the TV screen.

2 Use ◀▶▲▼ or **numeric buttons** to select a play option.

3 Press **ENTER/OK** to confirm.

Camera Angle

- Press **ANGLE** repeatedly to select different desired angle.

Audio

Changing the Audio Language and/or format

- Press **AUDIO** repeatedly to select different audio languages.

Subtitles

- Press **SUBTITLE** repeatedly to select different subtitle languages.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Special VCD & SVCD Features

Playback Control (PBC)

For VCD with Playback Control (PBC) feature (version 2.0 only)

- Press **MENU** to toggle between 'PBC ON' and 'PBC OFF'.

➜ If you select 'PBC ON', the disc menu (if available) will appear on the TV.

➜ Use the ⏮ / ⏭ or the **numeric buttons** to select a play option.

- During playback, pressing **TOP MENU/RETURN** will return to the menu screen (if PBC is on).

If you want to skip the index menu and playback directly from the beginning,

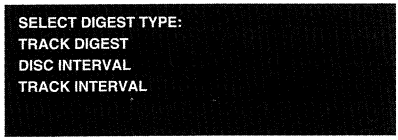
- Press **MENU** on the remote control to switch to PBC off.

Preview Function

1 Press **SCAN**.

2 Press ▲▼ to highlight [TRACK DIGEST], [DISC INTERVAL] or [TRACK INTERVAL].

3 Press **ENTER/OK** to open one option.



Note:

– *You can select [TRACK INTERVAL] only during playback, with PBC Off.*

TRACK DIGEST

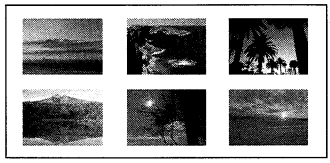
This function will minimize the picture of every track in order to display every six of these tracks on the screen to help you know the content of every track on the disc.

DISC INTERVAL

This function is used to divide a disc into six parts by regular intervals and display them on one page to preview the whole disc.

TRACK INTERVAL

This function is used to divide a single track into six parts by regular intervals and display them on one page to help you preview the selected track.



(example for 6 thumbnail pictures display)

4 Use ◀▶▲▼ to select a track or use **numeric buttons** to input the selected track number next to [SELECT].

5 Press ⏮ / ⏭ to open the previous or next page.

6 Press **ENTER/OK** to confirm.

To quit preview function

- Use ◀▶▲▼ to highlight [EXIT] and press **ENTER/OK** to confirm.

To return to preview menu

- Use ◀▶▲▼ to highlight [MENU] and press **ENTER/OK** to confirm.

For CD

- At stop mode, press **SCAN** on the remote control.

➜ Each track will be played for a few seconds.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

DVD-Audio Features

DVD-Audio has developed for the sole purpose of creating high quality pure sound with Linear PCM and Packed PCM (lossless coding) in up to six audio-channels. Sampling frequencies of 192 kHz/ 24 bits are supported.
Moreover, many DVD-Audio discs offer slide show and page turn capabilities.

- When you play a down mix prohibited disc, D.MIX indicator turns off. Multi-channel tracks will play regardless of the analog output settings in Setup Menu. The MIXED 2CH jacks output the front L and R signals only.

Changing pages

Some DVD-Audio discs contain information pages for photo galleries, artist biographies, lyrics, etc.
Each time you press **PAGE** on the remote control, the display moves to the next page.

Playing bonus groups

Some discs contain bonus groups that require a four-digit password to gain access. In this case, consult the disc jacket and other packaging for information.

1 Press **STOP (■)** twice to stop playback, then press **ON SCREEN** .
→ The group and track list is displayed on the TV screen.
2 Press ▲▼ to select a bonus group, then press **ENTER/OK**.
3 Enter a four-digit password using the **numeric buttons**, then press **ENTER/ OK**.
4 Press ▲▼ to select a track, then press **ENTER/OK**.

DVD-Video mode

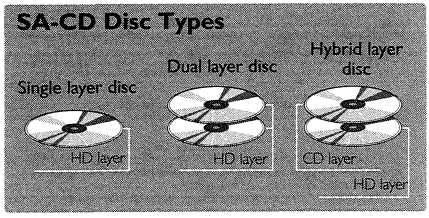
Some DVD-Audio discs include DVD-Video contents that can be played on conventional DVD-Video players (see "Selecting DVD-Audio/Video mode" on page 23).

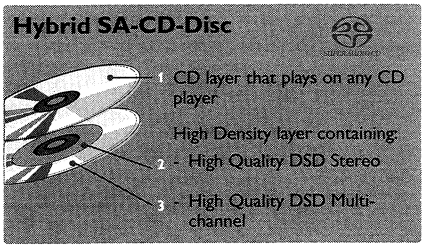
TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

SA-CD (Super Audio CD)

The SA-CD standard is based on Direct Stream Digital (DSD) technology. This new direct-stream digital format comprises a 1-bit system that has a digital sampling frequency 64 times higher than that of conventional audio CD.
There are three types of SA-CD discs: single layer, dual layer and hybrid. Each type contains a High Density (HD) layer that has two separate data areas: a High Quality Stereo area and a High Quality Multi-channel area. Recorded information can be contained in both areas.

- A single layer disc has one HD layer.
- A dual layer disc has two HD layers. Twice the information of a single layer disk can be stored due to the second HD layer.
- A hybrid disc has one HD layer and one standard CD layer, making it playable on standard CD players.




Hybrid SA-CD-Disc
1 CD layer that plays on any CD player
High Density layer containing:
2 - High Quality DSD Stereo
3 - High Quality DSD Multi-channel

Playing a disc

1 Insert the disc and close the tray. Playback starts automatically.
➜ The TV screen will display the current playing status and track list.
➜ Playback will stop automatically at the end of the disc.

2 To stop playback, press **STOP (■)**.

Note:
– *You cannot change the Analog output setting during SA-CD playback*

Changing the SA-CD playback area and layer

You can change the SA-CD playback area at any time during playback. Press **SOUND MODE** to switch between the multi-channel and stereo areas in the HD layer.

OR

1 Press ◀.
2 Highlight the folder using ▲▼.
3 Press **ENTER/OK**.
4 Highlight a track using ▲▼.
5 Press **ENTER/OK** to begin playback.

For hybrid SA-CD, the player will always play the HD layer first. Press **AUDIO** while playback is stopped to switch between the HD and CD layers.

- The SA-CD indicator lights only when the HD layer is selected.

Note:
– *SA-CD Text is not supported.*

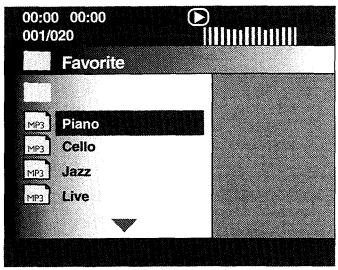
TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Playing MP3/DivX/JPEG/Kodak Picture CD

General Operation

1 Load a disc.
➜ The disc reading time may exceed 30 seconds due to the complexity of the directory/file configuration.
➜ The data disc menu appears on the TV screen.

2 Playback will start automatically, if not press **PLAY (►)**.



During playback, you can;

- Press |◄◄ / ►►| to select another track/file in the current folder.
- Press **PAUSE (II)** to pause playback.

Note:
– *It may not be possible to play certain MP3/ JPEG/DivX/MPEG-4 discs due to the configuration and characteristics of the disc or condition of the recording.*

Selecting a folder and track/file

1 Press ▲▼ to select the folder and press **ENTER/OK** to open the folder.
2 Press ▲▼ to select a track/file.
3 Press **ENTER/OK** to confirm.
➜ Playback will start from the selected file to the end of the folder.

Repeat

When the Picture CD/MP3 CD menu is shown on the screen;

- Press **REPEAT** continuously to access different 'Play Mode'.

➜ FOLDER: files will be played back once.
➜ REPEAT ONE: one file will be played repeatedly.
➜ REPEAT FOLDER: all files in one folder will be played repeatedly.

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Disc Operations

Special picture disc features

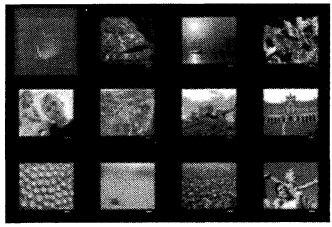
1 Load a Picture disc (Kodak Picture CD, JPEG).
➜ For Kodak disc, the slide show will begin.
➜ For JPEG disc, the picture menu appears on the TV screen.

2 Press **PLAY (►)** to start the slide-show playback.

Preview Function (JPEG)

This function shows the content of the current folder or the whole disc.

1 Press **STOP (■)** during playback.
➜ 12 thumbnail pictures will appear on the TV screen.



2 Press |◄◄ / ►►| to display the other pictures on the previous/next page.

3 Use ◄►▲▼ to highlight one of the picture and press **ENTER/OK** to start playback
OR
Move the cursor to highlight on the bottom of the page to start playback from the first picture on the current page.

4 Press **MENU** to return to Picture CD menu.

Zoom picture

1 During playback, press **ZOOM** repeatedly to display the picture with different scales.

2 Use ◄►▲▼ to view the zoomed picture.

Playback with multi-angles

- During playback, press ◄►▲▼ to rotate the picture on the TV screen.
  ◄: rotate the picture anti-clockwise
  ►: rotate the picture clockwise
  ▲: flip the picture vertically
  ▼: flip the picture horizontally

Scan Effect

- Press **ANGLE** repeatedly to choose different scan effect.

➜ Various of scan effect appears on the top left hand corner on the TV screen.

Playing MP3 music and JPEG picture simultaneously

1 Load a disc that contains music and pictures.
➜ The disc menu appears on the TV screen.

2 Select an MP3 track.

3 During MP3 music playback, select a picture from the TV screen and press **PLAY (►)**.
➜ The picture files will be played back one after another until end of the folder.

4 To quit simultaneous playback, press **MENU** followed by **STOP (■)**.

Note:
– *Some files on Kodak or JPEG disc may be distorted during playback due to the configuration and characteristics of the disc.*

TIPS: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

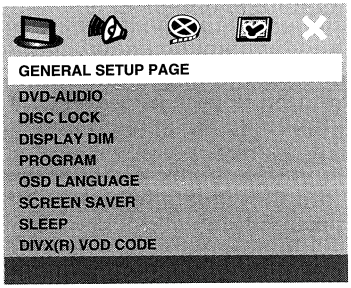
The setup is carried out via the TV, enabling you to customize the DVD Player to suit your particular requirements.

General Setup Menu

1 Press **SETUP**.

2 Press ◄► to select 'General Setup' icon.

3 Press **ENTER/OK** to confirm.



Selecting DVD-Audio/Video mode

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [DVD-AUDIO], then press ►.

DVD-AUDIO MODE

Select this for normal playback.

DVD-VIDEO MODE

Select this to playback the contents of the DVD-Video.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Notes:
- *The DVD-AUDIO indicator lights up when a DVD-Audio disc is playing.*
- *When you select DVD-VIDEO MODE, the DVD-AUDIO indicator goes out.*

Locking/Unlocking the disc for viewing

Not all discs are rated or coded by the disc maker. You can prevent a specific disc from playing by locking the disc. Up to 40 discs can be locked.

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [DISC LOCK], then press ►.

LOCK

Select this to lock the playback of the current disc. Subsequent access to a locked disc requires six-digit password. The default password is '000 000' (see page 32 "Changing the Password").

UNLOCK

Select this to unlock the disc and allow future playback.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Dimming player's front panel display

You can select different levels of brightness for the front panel display.

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [DISPLAY DIM], then press ►.

100%

Select this for full brightness.

70%

Select this for medium brightness.

40%

Select this for dimming the display.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

TIPS: To return to the previous menu, press ◄.
To remove the menu, press **SETUP**.

Programming disc tracks (not for Picture CD/MP3)

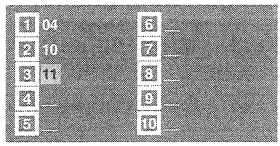
You can play the contents of the disc in the order you want by programming the tracks to be played. Up to 20 tracks can be stored.

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [PROGRAM], then press ▶ to select [INPUT MENU].

2 Press **ENTER/OK** to confirm.

To input your favorite tracks/chapter

3 Use the **numeric buttons** to enter a valid track/chapter number.



4 Use ◀▶▲▼ to move the cursor to the next position.
→ If the track number is more than ten, press ▶▶| to open the next page and proceed with programming or,
→ Use ◀▶▲▼ to highlight [NEXT] on the program menu, then press **ENTER/OK**.

5 Repeat steps **3**–**4** to input another track/chapter number.

If you want to remove a track

6 Use ◀▶▲▼ to move the cursor to the track you want to remove.

7 Press **ENTER/OK** to remove this track from the program menu.

To start program playback

8 Use ◀▶▲▼ to highlight [START] on the program menu, then press **ENTER/OK**.
→ Playback will start with the selected tracks under the programmed sequence.

To exit program playback

9 Use ◀▶▲▼ to highlight [EXIT] on the program menu, then press **ENTER/OK**.

OSD Language

This menu contains various language options for display language on the screen. For details, see page 11.

Screen Saver

This function is used to turn the screen saver on or off.

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [SCREEN SAVER], then press ▶.

ON

Select this if you wish to turn off the TV screen when disc playback is stopped or paused for more than 15 minutes.

OFF

Select this to disable the screen saver function.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

Sleep Timer

This feature automatically sets the DVD player in standby mode after the amount of time you have set.

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [SLEEP], then press ▶.

2 Press ▲▼ to select a setting.
→ You can select from 15, 30, 45 and 60 minutes. Select [OFF] to cancel the sleep timer function.

3 Press **ENTER/OK** to confirm your selection.

DivX® VOD registration code

Yamaha provides you with a DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service.
For more information, visit at www.divx.com/vod.

1 In 'GENERAL SETUP PAGE', press ▲▼ to highlight [DIVX(R) VOD CODE], then press ▶.
→ The registration code will appear.

2 Press **ENTER/OK** to exit.

3 Use the registration code to purchase or rent the videos from DivX® VOD service at www.divx.com/vod. Follow the instructions and download the video onto a CD-R for playback on this DVD player.

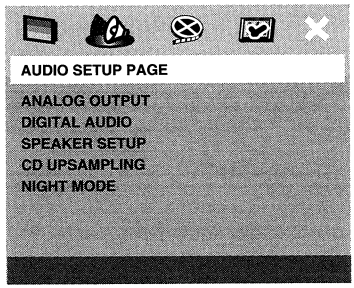
Notes:
- *All the downloaded videos from DivX® VOD can only be played back on this DVD player.*
- *Time search feature is not available during DivX movie playback.*

Audio Setup Menu

1 Press **SETUP**.

2 Press ◀ ▶ to select 'Audio Setup' icon.

3 Press **ENTER/OK** to confirm.



Setting the analog output

Set Analog Output to match your DVD Player's playback capability.

1 In 'AUDIO SETUP PAGE', press ▲▼ to highlight [ANALOG OUTPUT], then press ▶.

STEREO

Select this to change the channel output to stereo, which only delivers sound from the two front speakers and subwoofer.

VIRTUAL SURR

Select this to reproduce the surround channels virtually.

MULTI-CHANNEL

Select this setting when using a multi-channel audio/(video) receiver with 6 channel inputs. In this mode, the player performs DTS decoding or Dolby Digital 5.1-channel decoding when applicable, and Dolby Pro Logic decoding on DVD-Video, Video-CD and Audio CD discs with 2-channel sound tracks. No Dolby Pro Logic decoding is done with Super Audio CD discs.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

Setting the Digital output

The options included in Digital Audio are: 'Digital Output' and 'LPCM Output'.

1 In 'AUDIO SETUP PAGE', press ▲▼ to highlight [DIGITAL AUDIO], then press ▶.

2 Press the ▲▼ to highlight an option.

3 Enter its submenu by pressing ▶.

4 Move the cursor by pressing the ▲▼ to highlight the selected item.

DIGITAL OUTPUT

Set the Digital output according to your optional audio equipment connection.

OFF

Turn off the digital output.

ALL

If you have connected your DIGITAL AUDIO OUT to a multi-channel decoder/ receiver.

PCM ONLY

Only if your receiver is not capable of decoding multi-channel audio.

LPCM OUTPUT

If you connect the DVD Player to a PCM compatible receiver via the digital terminals, such as coaxial or optical, etc., you may need to adjust 'LPCM Output'. Discs are recorded at a certain sampling rate. The higher the sampling rate, the better the sound quality.

48KHz

Playback a disc recorded at the sampling rate of 48kHz. 96kHz (if available on disc) PCM data stream will be converted to 48kHz.

96KHz

Playback a disc recorded at the sampling rate of 96kHz. If the 96kHz disc is copy protected, the digital output will be muted to comply with the standards.

Speaker Setup

This menu contains setup options for audio output so that you can set your speakers to reproduce high quality surround sound. For details, see page 12.

CD Upsampling

This feature allows you to convert your music CD to a higher sampling rate using sophisticated digital signal processing for better sound quality. If you have activated the upsampling, the player will automatically switch to stereo mode.

1 In 'AUDIO SETUP PAGE', press ▲▼ to highlight [CD UPSAMPLING], then press ▶.

OFF

Select this to disable CD-upsampling.

88.2 kHz (X2)

Select this to convert the sampling rate of the CDs twice higher than the original.

176.4 kHz (X4)

Select this to convert the sampling rate of the CDs four times higher than the original.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Note:

– *This setting is only applicable for the signals output from the analog jacks.*

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

Night Mode

In this mode, the high volume outputs are softened and low volume outputs are brought upward to an audible level. It is useful for watching your favorite action movie without disturbing others at night.

1 In 'AUDIO SETUP PAGE', press ▲▼ to highlight [NIGHT MODE], then press ▶.

ON

Select this to level out the volume. This feature is only available for movies with Dolby Digital mode.

OFF

Select this when you want to enjoy the surround sound with its full dynamic range.

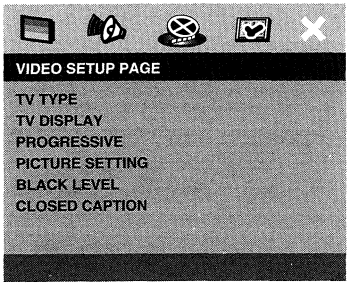
2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Video Setup Menu

1 Press **SETUP**.

2 Press ◀ ▶ to select 'Video Setup' icon.

3 Press **ENTER/OK** to confirm.



TV Type

This menu contains the options for selecting the color system that matches the connected TV. For details, see page 10.

Setting the TV Display

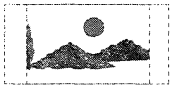
Set the aspect ratio of the DVD Player according to the TV you have connected. The format you select must be available on the disc. If it is not, the setting for TV display will not affect the picture during playback.

1 In 'VIDEO SETUP PAGE', press ▲▼ to highlight [TV DISPLAY], then press ▶.

2 Press ▲▼ to highlight one of the options below:

4:3 PAN SCAN

Select this if you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.



4:3 LETTER BOX

Select this if you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

16:9

Select this if you have a widescreen TV.

3 Select an item and press **ENTER/OK**.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

Progressive

This feature is only applicable if you have connected this DVD Player to a Progressive Scan TV through the Y Pb Pr jacks (see page 9).

1 In 'VIDEO SETUP PAGE', press ▲▼ to highlight [PROGRESSIVE], then press ▶.

OFF

To disable Progressive Scan function.

ON

To enable Progressive Scan function.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Notes on activating Progressive:

- Ensure that your TV has progressive scan.
- Connect with YPbPr video cable.

CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE "STANDARD DEFINITION" OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR VIDEO MONITOR COMPATIBILITY WITH THIS MODEL 525P AND 625P DVD PLAYER, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

This unit is compatible with the complete line of YAMAHA products, including the projectors DPX-1100, LPX-510 and the plasma monitor PDM-4210/4210E.

Picture Setting

This DVD Player provides three predefined sets of picture color settings and one personal setting which you can define yourself.

1 In 'VIDEO SETUP PAGE', press ▲▼ to highlight [PICTURE SETTING], then press ▶.

STANDARD

Select this for standard picture setting.

BRIGHT

Select this will make the TV picture brighter.

SOFT

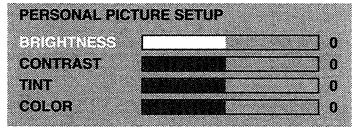
Select this will make the TV picture softer.

PERSONAL

Select this to personalize your picture color by adjusting the brightness, contrast, tint and color (saturation).

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

3 If you select [PERSONAL], then proceed to steps **4–7**.
➜ The 'PERSONAL PICTURE SETUP' menu appears.



4 Press ▲▼ to highlight one of the following options.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

BRIGHTNESS

Increase the value will brighten the picture or vice versa. Choose zero (0) for average setting.

CONTRAST

Increase the value will sharpen the picture or vice versa. Choose zero (0) to balance the contrast.

TINT

Increase the value will darken the picture or vice versa. Choose zero (0) for average setting.

COLOR

Increase the value will enhance the color in your picture or vice versa. Choose zero (0) to balance the color.

5 Press ◄► to adjust the setting that best suit your personal preference.

6 Repeat steps **4**–**5** for adjusting other color features.

7 Press **ENTER/OK** to confirm.

Selecting the black level (U.S.A. model only)

If you set the TV type to NTSC, set Black level shift to ON. This will improve the color contrast during playback. The black level setting has no effect if the TV type is set to PAL.

1 In 'VIDEO SETUP PAGE', press ▲▼ to highlight [BLACK LEVEL], then press ►.

ON

Select this to enhance the black level.

OFF

Select this for the standard black level setting.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Closed Caption (U.S.A. model only)

Closed captions are data hidden in the video signals of specific discs, and are invisible without the use of a special decoder. The difference between subtitles and captions is that subtitles are intended for hearing persons and captions are for the hearing impaired. Subtitles rarely show all of the audio. For example, captions show sound effects (e.g., "phone ringing" and "footsteps"), while subtitles do not. Before you select this function, please ensure that the disc contains closed caption information and your TV set also supports this function.

1 In 'VIDEO SETUP PAGE', press ▲▼ to highlight [CLOSED CAPTION], then press ►.

ON

To enable the closed caption function.

OFF

To disable the closed caption function.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection

TIPS: To return to the previous menu, press ◄.
To remove the menu, press **SETUP**.

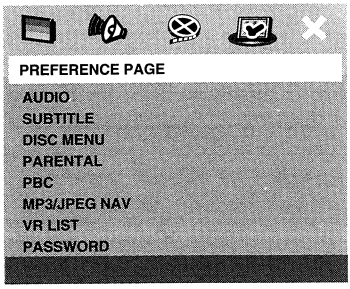
Setup Menu

Preference Setup Menu

1 Press **STOP (■)** twice to stop playback (if any), then press **SETUP**.

2 Press ◄► to select the 'Preference Setup' icon.

3 Press **ENTER/OK** to confirm.



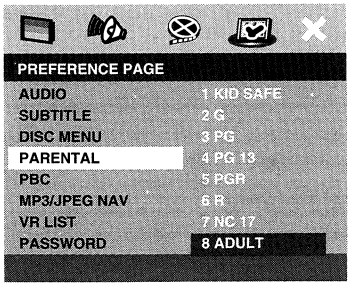
Audio, Subtitle, Disc Menu

These menus contain various language options for audio, subtitle and disc menu which may be recorded on the DVD. For details, see page 12.

Restricting playback by Parental Control

Some DVDs may have a parental level assigned to the complete disc or to certain scenes on the disc. This feature lets you set a playback limitation level.
The rating levels are from 1 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.

1 In 'PREFERENCE PAGE', press ▲▼ to highlight [PARENTAL], then press ►.



2 Press ▲▼ to highlight a rating level for the disc inserted and press **ENTER/OK**.
➜ To disable Parental controls and have all Discs play, select [8 ADULT].

3 Use the **numeric buttons** to enter the six-digit password (see page 32 "Changing the Password").
➜ DVDs that are rated above the level you selected will not play unless you enter your six-digit password.

Notes:
- *VCD, SVCD, CD and SA-CD have no level indication, so parental control function has no effect on these types of discs. This applies to most illegal DVD discs.*
- *Some DVDs are not encoded with a rating though the movie rating may be printed on the disc cover. The rating level feature does not work for such discs.*

PBC (Playback Control)

You can set the PBC to ON or OFF. This feature is available only on Video CD 2.0 with playback control (PBC) feature. For details, see page 18.

TIPS: To return to the previous menu, press ◄.
To remove the menu, press **SETUP**.

MP3/JPEG Menu

MP3/JPEG Navigator can be set only if the disc is recorded with menu. It allows you to select different display menus for easy navigation.

1 In 'PREFERENCE PAGE', press ▲▼ to highlight [MP3/JPEG NAV], then press ▶.

WITHOUT MENU

Select this to display all the files contained in the MP3/Picture CD.

WITH MENU

Select this to display only the folder menu of the MP3/Picture CD.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Playback of VR Format

There are two ways to play back a disc in VR (Video Recording) format: ORIGINAL and PLAY LIST. This feature is not available with non-VR format discs.

1 In 'PREFERENCE PAGE', press ▲▼ to highlight [VR LIST].

2 Press ▶. The following settings will appear:

ORIGINAL LIST

Select this to play the originally recorded titles on the disc.

PLAY LIST

Select this to play the edited version of the disc. This feature is only available when a play list has been created.

3 Press ▲▼ to highlight a setting.

4 Press **ENTER/OK** to confirm your selection.

To play back a disc in VR format

5 Press **SETUP** to close the setup menu.

6 Press **PLAY.** The setting you selected will begin to play.

Previewing VR format

7 During playback, press **SCAN**.

8 Press ▲▼ to highlight either [TITLE DIGEST] or [TITLE INTERVAL].

9 Press **ENTER/OK** to select the function.

TITLE DIGEST

This function will display thumbnail pictures of titles on the screen. Up to six thumbnail pictures per page will be displayed.

➜ In ORIGINAL LIST mode, the originally recorded titles on the disc will be displayed.

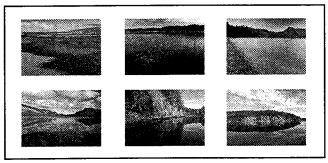
➜ In PLAY LIST mode, every title in the play list will be displayed.

TITLE INTERVAL

This function will divide and display the contents of each title being played back in regular intervals, making it easy to preview the recording. Up to six thumbnail pictures per page will be displayed.

➜ If the title being played back is short, the TITLE DIGEST function will be performed instead.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.



(example for 6 thumbnail pictures display)

10 Use ◀▶▲▼ to select a title, or use the **numeric buttons** to input the title number next to [SELECT].
➜ Press |◀◀ / ▶▶| to access the previous/next page.

11 Press **ENTER/OK** to confirm the selection.

To quit preview function

- Use ◀▶▲▼ to highlight [EXIT] and press **ENTER/OK** to confirm.

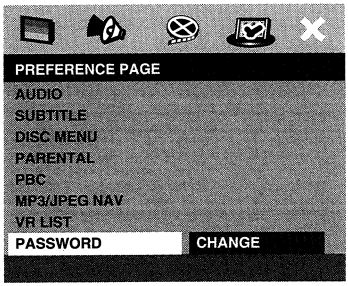
To return to preview menu

- Use ◀▶▲▼ to highlight [MENU] and press **ENTER/OK** to confirm.

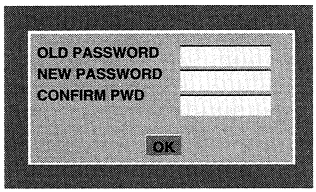
Changing the Password

The same password is used for both Parental Control and Disc Lock. Enter your six-digit password when prompted on the screen. The default password is 000 000.

1 In 'PREFERENCE PAGE', press ▲▼ to highlight [PASSWORD], then press ▶ to select [CHANGE].



2 Press **ENTER/OK** to enter the 'Password Change Page'.



3 Use the **numeric buttons** to enter your old six-digit password.
➜ When doing this for the first time, key in '000 000'.
➜ If you forget your old six-digit password, key in '000 000'.

4 Enter the new six-digit password.

5 Enter the new six-digit password a second time to confirm.

6 Press **ENTER/OK** to confirm.
➜ The new six-digit password will now take effect.

Restoring to original settings

Setting the DEFAULT function will reset all options and your personal settings to the factory defaults, except your password for Parental Control and Disc Lock.

1 In 'PREFERENCE PAGE', press ▲▼ to highlight [DEFAULT], then press ▶ to select [RESET].

2 Press **ENTER/OK** to confirm.
➜ All settings will now reset to factory defaults.

TIPS: To return to the previous menu, press ◀.
To remove the menu, press **SETUP**.

These pages can be used to select other languages.This does not affect the options in "AUDIO", "SUBTITLE" or "DISC MENU".

Abkhazian	6566
Afar	6565
Afrikaans	6570
Albanian	8381
Amharic	6577
Arabic	6582
Armenian	7289
Assamese	6583
Avestan	6569
Aymara	6589
Azerbaijani	6590
Bashkir	6665
Basque	6985
Belarusian	6669
Bengali	6678
Bihari	6672
Bislama	6673
Bokmål, Norwegian	7866
Bosnian	6683
Breton	6682
Bulgarian	6671
Burmese	7789
Castilian, Spanish	6983
Catalan	6765
Chamorro	6772
Chechen	6769
Chewa; Chichewa; Nyanja	7889
Chichewa; Chewa; Nyanja	7889
Chinese	9072
Chuang; Zhuang	9065
Church Slavic; Slavonic;	6785
Church Slavonic; Church	6785
Chuvash	6786
Cornish	7587
Corsican	6779
Croatian	7282
Czech	6783
Danish	6865
Dutch	7876
Dzongkha	6890
English	6978
Esperanto	6979
Estonian	6984
Faroese	7079
Fijian	7074
Finnish	7073
French	7082
Frisian	7089
Gaelic; Scottish Gaelic	7168
Gallegan	7176
Georgian	7565

German	6869
Gikuyu; Kikuyu	7573
Greek,	6976
Guarani	7178
Gujarati	7185
Hausa	7265
Hebrew	7269
Herero	7290
Hindi	7273
Hiri Motu	7279
Hungarian	7285
Icelandic	7383
Ido	7379
Indonesian	7368
Interlingua (International)	7365
Interlingue	7369
Inuktitut	7385
Inupiaq	7375
Irish	7165
Italian	7384
Japanese	7465
Javanese	7486
Kalaallisut	7576
Kannada	7578
Kashmiri	7583
Kazakh	7575
Khmer	7577
Kikuyu; Gikuyu	7573
Kinyarwanda	8287
Kirghiz	7589
Komi	7586
Korean	7579
Kuanyama; Kwanyama	7574
Kurdish	7585
Kwanyama; Kuanyama	7574
Lao	7679
Latin	7665
Latvian	7686
Letzeburgesch;	7666
Limburgan; Limburger;	7673
Limburger; Limburgan;	7673
Limburgish; Limburger;	7673
Lingala	7678
Lithuanian	7684
Luxembourgish;	7666
Macedonian	7775
Malagasy	7771
Malay	7783
Malayalam	7776
Maltese	7784
Manx	7186

Language Codes

These pages can be used to select other languages.This does not affect the options in "AUDIO", "SUBTITLE" or "DISC MENU".

Maori	7773
Marathi	7782
Marshallese	7772
Moldavian	7779
Mongolian	7778
Nauru	7865
Navaho, Navajo	7886
Navajo; Navaho	7886
Ndebele, North	7868
Ndebele, South	7882
Ndonga	7871
Nepali	7869
Northern Sami	8369
North Ndebele	7868
Norwegian	7879
Norwegian Bokmål; Bokmål,	7866
Norwegian Nynorsk;	7878
Nyanja; Chichewa; Chewa	7889
Nynorsk, Norwegian;	7878
Occitan (post 1500); Proven	7967
Old Bulgarian; Old Slavonic;	6785
Old Church Slavonic; Old	6785
Old Slavonic; Church	6785
Oriya	7982
Oromo	7977
Ossetian; Ossetic	7983
Ossetic; Ossetian	7983
Pali	8073
Panjabi	8065
Persian	7065
Polish	8076
Portuguese	8084
Provençal; Occitan (post)	7967
Pushto	8083
Quechua	8185
Raeto-Romance	8277
Romanian	8279
Rundi	8278
Russian	8285
Samoan	8377
Sango	8371
Sanskrit	8365
Sardinian	8367
Scottish Gaelic; Gaelic	7168
Serbian	8382
Shona	8378
Sindhi	8368
Sinhalese	8373
Slovak	8375
Slovenian	8376
Somali	8379

Sotho, Southem	8384
South Ndebele	7882
Spanish; Castilian	6983
Sundanese	8385
Swahili	8387
Swati	8383
Swedish	8386
Tagalog	8476
Tahitian	8489
Tajik	8471
Tamil	8465
Tatar	8484
Telugu	8469
Thai	8472
Tibetan	6679
Tigrinya	8473
Tonga (Tonga Islands)	8479
Tsonga	8483
Tswana	8478
Turkish	8482
Turkmen	8475
Twi	8487
Uighur	8571
Ukrainian	8575
Urdu	8582
Uzbek	8590
Vietnamese	8673
Volapük	8679
Walloon	8765
Welsh	6789
Wolof	8779
Xhosa	8872
Yiddish	8973
Yoruba	8979
Zhuang; Chuang	9065
Zulu	9085

Refer to the chart below when this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, set this unit to the standby mode, disconnect the power cord, and contact the nearest authorized YAMAHA dealer or service center.

Problem	Solution
No power	– Check if the AC power cord is properly connected. – Press the STANDBY/ON on the front of the DVD system to turn on the power.
No picture	– Refer to your TV's manual for correct Video In selection. Change the TV input until you see the DVD screen. – Check if the TV is switched on. – If you did not use Progressive Scan connections (using the Y PB PR jacks on the DVD Player) and you do not have a picture at the TV, please follow the steps below to turn off Progressive Scan; 1. Press ▲ (OPEN/CLOSE) to open the disc tray. 2. Press ◀. 3. Press ANGLE to deactivate the Progressive. ➜ The DVD Player will reset itself to Component/Interlaced video.
Distorted picture	– Sometimes a small amount of picture distortion may appear depending on the disc being played back. This is not a malfunction.
Completely distorted picture or black/white picture with DVD	– Make sure the disc is compatible with the DVD Player. – Ensure that the DVD Player's TV Type is set to match that of the disc and your TV.
No sound or distorted sound	– Adjust the volume. – Check that the speakers are connected correctly.
No audio at digital output	– Check the digital connections. – Check if your receiver can decode MPEG-2 or DTS and if not, please make sure the digital output is set to PCM ONLY. – Check if the audio format of the selected audio language matches your receiver capabilities.
Disc can't be played	– The CD-R/RW, DVD+R/RW, DVD-R/RW and DVD-RW (VR format) must be finalized. – Ensure the disc label is facing up. – Check if the disc is defective by trying another disc. – If you have recorded a Picture CD or MP3 CD yourself, ensure that your disc contains at least 10 pictures or 5 MP3 tracks. – Region code incorrect.

Troubleshooting

Problem	Solution
Picture freezes momentarily during playback	– Check the disc for fingerprints/scratches and clean with a soft cloth wiping from center to edge.
The player does not respond to the Remote Control	– Aim the Remote Control directly at the sensor on the front of the player. – Reduce the distance to the player. – Replace the batteries in the Remote Control. – Re-insert the batteries with their polarities (+/– signs) as indicated.
Buttons do not work	– To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.
Player does not respond to some operating commands during playback	– Operations may not be permitted by the disc. Refer to the instructions of the disc jacket.
DVD Player cannot read CDs/ DVDs	– Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD Player for repair.
Menu items cannot be selected	– Press STOP twice before selecting System Menu. – Depending on the disc availability, some menu items cannot be selected.
Unable to play DivX movies	– Check that the DivX file is encoded in 'Home Theater' mode with DivX 5.x encoder.
Unable to select Progressive Scan on/off	– Check that the output of the video signal is switch to 'YUV'.
No sound during DivX movies playback	– The audio code may not be supported by the DVD player.

Analog: Sound that has not been turned into numbers. Analog sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

Aspect ratio: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs. is 4:3, and that of widescreens is 16:9.

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per seconds, or kbps. Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a Disc.

Chapter: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Component Video Out Jacks: Jacks on the back of the DVD System that send high-quality video to a TV that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

Disc menu: A screen display prepared for allowing selection of images, sounds, subtitles, multi-angles, etc. recorded on a DVD.

Digital: Sound that has been converted into numerical values. Digital sound is available when you use the DIGITAL AUDIO OUT COAXIAL or OPTICAL jacks. These jacks send audio through multiple channels, instead of just two channels as analog does.

DivX 3.11/4x/5x: The DivX code is a patent pending, MPEG-4 based video compression technology, developed by DivXNetworks, Inc., that can shrink digital video to sizes small enough to be transported over the internet, while maintaining high visual quality.

Dolby Digital: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right, center and subwoofer).

DTS: Digital Theatre Systems. This is a surround sound system, but it is different from Dolby Digital. The formats were developed by different companies.

JPEG: A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

MP3: A file format with a sound data compression system. "MP3" is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. By using MP3 format, one CD-R or CD-RW can contain about 10 times as much data volume as a regular CD can.

Multichannel: DVD is specified to have each sound track constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

Parental Control: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

PCM (Pulse Code Modulation): A system for converting analog sound signal to digital signal for later processing, with no data compression used in conversion.

Playback control (PBC): Refers to the signal recorded on video CDs or SVCDs for controlling reproduction. By using menu screens recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

Play list: A list of selected titles to be played back in a specific order. This option is only available with VR format and must be created beforehand.

Glossary

Progressive Scan: I.t displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert the interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution.

Region code: A system for allowing discs to be played back only in the region designated beforehand. This unit will only play discs that have compatible region codes. You can find the region code of your unit by looking on the product label. Some discs are compatible with more than one region (or ALL regions).

S-Video: Produces a clear picture by sending separate signals for the luminance and the color. You can use S-Video only if your TV has S- video In jack.

Super Audio CD (SA-CD): This audio format is based upon the current CD standards but includes a greater amount of information that provides higher quality sound. There are three types of discs: single layer, double layer and hybrid discs. The hybrid disc contains both standard audio CD and Super Audio CD information.

Surround: A system for creating realistic three dimensional sound fields full of realism by arranging multiple speakers around the listener.

Title: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

VIDEO OUT jack: Jack on the back of the DVD System that sends video to a TV.

VR (Video Recording) format: A format which enables you to create a DVD disc that can be extensively re-edited.

Specifications

PLAYBACK SYSTEM

DVD Video
DVD-Audio
SA-CD multi-channel and SA-CD stereo
Video CD & SVCD
CD
PICTURE CD
CD-R, CD-RW
DVD+R, DVD+RW
DVD-R, DVD-RW

VIDEO PERFORMANCE

Video (CVBS) Output	1 Vpp into 75 ohm
S-Video output	Y: 1 Vpp into 75 ohm C: 0.3 Vpp into 75 ohm
Component video output	Y: 1 Vpp into 75 ohm Pb/Cb Pr/Cr: 0.7 Vpp into 75 ohm

AUDIO FORMAT

Digital	Mpeg/Dolby Digital/Compressed Digital DTS	
	PCM	16, 20, 24 bits fs, 44.1, 48, 96 kHz
	MP3(ISO 9660)	24, 32, 56, 64, 96, 128, 256 kbps fs, 16, 22.05, 24, 32, 44.1, 48 kHz
	WMA	32 kbps–192 kbps, mono, stereo

Full decoding of Dolby Digital, DTS and MPEG multi-channel sound/analog stereo sound
Dolby Surround Compatible Downmix from Dolby Digital multi-channel sound
3D sound for virtual 5.1 channel sound on two speakers
Dolby Pro Logic II 5.1 ch decoding from the stereo source

AUDIO PERFORMANCE

DA Converter	24 bit	
Signal-Noise (1 kHz)	110 dB	
Dynamic range (1 kHz)	100 dB	
DVD	fs 96 kHz	2 Hz- 44 kHz
	fs 48 kHz	2 Hz- 22 kHz
SVCD	fs 48 kHz	2 Hz- 22 kHz
	fs 44.1 kHz	2 Hz- 20 kHz
CD/VCD	fs 44.1 kHz	2 Hz- 20 kHz
Distortion and Noise (1 kHz)		0.003 %

TV STANDARD (NTSC/60 Hz) (PAL/50 Hz)

Number of lines	525	625
Playback	Multistandard	(PAL/NTSC)

CONNECTIONS

Y Output	Cinch (green)
Pb/Cb Output	Cinch (blue)
Pr/Cr Output	Cinch (red)
S-Video Output	Mini DIN, 4 pins
Video Output	Cinch
Audio Output (L+R)	Cinch
Digital Output	1 coaxial, 1 optical IEC60958 for CDDA/LPCM IEC61937 for MPEG1, MPEG 2, Dolby Digital and DTS
6 channel analog output	
Audio Front L/R	Cinch (white/red)
Audio Surround L/R	Cinch (white/red)
Audio Center	Cinch (blue)
Audio Subwoofer	Cinch (black)

CABINET

Dimensions (w x d x h)	435 x 310 x 51 mm
Weight	Approx. 2.6 Kg

POWER SUPPLY

Power supply	U.S.A.model	120 V, 60 Hz
	Australia model	240 V, 50 Hz
Power usage		Approx. 14 W
Power usage standby		< 1 W

Specifications subject to change without prior notice.

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Printed in China C 3139 246 15072

English **Please correct the following description on page 15, 18, 21, 25 and 26.**

Incorrect

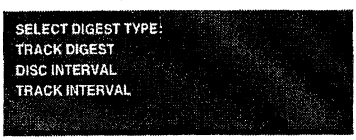
Correct

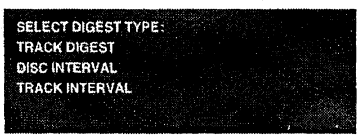
<P. 15>

DVD-V/DVD-A
→ RPT ONE (repeat chapter)
→ RPT TT (repeat title)
→ RPT OFF (repeat off)

DVD-V/DVD-A
→ RPT ONE (repeat chapter)
→ RPT TT/GRP (repeat title/group)
→ RPT ALL (repeat all)
→ RPT OFF (repeat off)

<P. 18>





Note:
– You can select [TRACK INTERVAL] only during playback, with PBC Off.

<P. 21>

Note:
– It may not be possible to play certain MP3/JPEG/DivX/MPEG-4 discs due to the configuration and characteristics of the disc or condition of the recording.

Notes:
– It may not be possible to play certain MP3/JPEG/DivX/MPEG-4 discs due to the configuration and characteristics of the disc or condition of the recording.
– Make a folder with less than 500 files. It may not play properly if there are more than 500 files.
– It may not be possible to play discs with more than 500 files if you have selected "WITHOUT MENU" in [MP3/JPEG NAV] (see page 30 "MP3/JPEG Menu").

<P. 25>

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

2 Press ▲▼ to select a setting, then press **ENTER/OK** to confirm your selection.

Note:
– You can change the analog output after the disc is loaded.

<P. 26>

96KHz
Playback a disc recorded at the sampling rate of 96kHz. If the 96kHz disc is copy protected, the digital output will be muted to comply with the standards.

96KHz
Playback a disc recorded at the sampling rate of 96kHz. If the 96kHz disc is copy protected, the digital output will be muted to comply with the standards.
This setting is only applicable when [ANALOG OUTPUT] is set to "STEREO" (see page 25 "Setting the analog output").

Français **Effectuez les corrections suivantes aux pages 15, 18, 21, 25 et 26.**

Incorrect

Correct

<P. 15>

DVD-V/DVD-A
→ RPT ONE (répétition chapitre)
→ RPT TT (répétition titre)
→ RPT OFF (désactivation répétition)

DVD-V/DVD-A
→ RPT ONE (répétition chapitre)
→ RPT TT/GRP (répétition titre/groupe)
→ RPT ALL (répétition disque)
→ RPT OFF (désactivation répétition)

<P. 18>

Remarque:
– L'option [INTERVALLE PLAGE] est uniquement disponible pendant la lecture, quand la fonction PBC est coupée (Off).

<P. 21>

Remarque:
– Certains disques contenant des fichiers MP3/JPEG/DivX/MPEG-4 peuvent être incompatibles en raison de la configuration et des caractéristiques du disque ou des conditions d'enregistrement.

Remarques:
– Certains disques contenant des fichiers MP3/JPEG/DivX/MPEG-4 peuvent être incompatibles en raison de la configuration et des caractéristiques du disque ou des conditions d'enregistrement.
– Faites un dossier de moins de 500 fichiers. La lecture risque de ne pas s'effectuer correctement s'il y a plus de 500 fichiers.
– La lecture de disques comprenant plus de 500 fichiers risque de ne pas être possible si vous avez sélectionné <<SANS MENU>> dans [NAV MP3/JPEG] (voir page 30 <<Navigateur MP3/JPEG>>).

<P. 25>

2 Appuyez sur ▲▼ pour sélectionner un réglage, puis appuyez sur **ENTER/OK** pour confirmer.

2 Appuyez sur ▲▼ pour sélectionner un réglage, puis appuyez sur **ENTER/OK** pour confirmer.
Remarque:
– Vous pouvez modifier la sortie analogique une fois que le disque est chargé.

<P. 26>

96KHz
Lecture d'un disque enregistré à la fréquence d'échantillonnage de 96 kHz. En présence d'un disque de 96kHz protégé contre la copie, la sortie numérique est coupée, conformément à la norme.

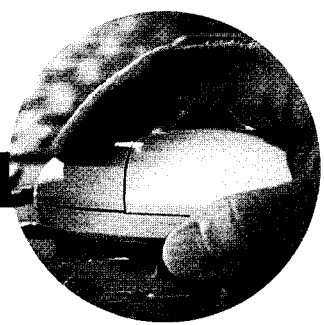
96KHz
Lecture d'un disque enregistré à la fréquence d'échantillonnage de 96 kHz. En présence d'un disque de 96kHz protégé contre la copie, la sortie numérique est coupée, conformément à la norme.
Ce paramètre n'est valable que si [SORTIE ANALOG] est réglé sur STÉRÉO (voir page 25 <<Réglage de la sortie analogique>>).

YAMAHA

Registering Your New Yamaha Product is Fast and Easy

Thank you for purchasing a new product from Yamaha Electronics. We'd like to continue providing you with high quality products and better service. So, we've made it simple to register your new product purchase online. Please take a few minutes to visit our website at **www.yamaha.com/YEC/registration/** and complete the information and questions included there. We appreciate your business and we look forward to hearing from you.

Failure to complete the registration form does not diminish your warranty rights in any way.



Register online at **www.yamaha.com/YEC/registration/**

Product registration applies to USA customers only.

3139 246 04121 WF13680

YAMAHA

HOME AUDIO PRODUCTS LIMITED WARRANTY

FOR USA CUSTOMERS ONLY

SERVICE DEPARTMENT

YAMAHA Electronics Corporation, USA

6660 Orangethorpe Avenue, Buena Park, California 90620-1345

Telephone : (714) 522-9105 Internet URL : http://www.yamaha.com/yec/

To obtain warranty service for your YAMAHA DVD player or changer, please dial (800) 292-2982 or please visit us at http://www.yamaha.com/yec/customer/dvdexchange.htm.

Type of Product	Duration of Warranty (beginning from first consumer purchase)
DVD Player	1 year

What is covered and what is Not Covered:

This warranty covers all defects in materials or workmanship in this product, but DOES NOT COVER the following:

(1) Damage, deterioration or malfunction resulting from:
   a. Accident, negligence, misuse, abuse, improper installation or operation or failure to follow instructions contained in your Owner's Manual.
   b. Any shipment of the product. (Claims must be presented to the carrier)
   c. Repair or attempted repair by anyone other than YAMAHA or an authorized YAMAHA Service Center.

(2) Any unit which has been altered or on which the serial number has been defaced, modified or removed.

(3) Normal wear, battery replacement and any periodic maintenance.

(4) Any unit which has not been purchased from an authorized YAMAHA Home Audio dealer in the U.S.A. If you are uncertain as to whether a dealer has been authorized by YAMAHA, please contact YAMAHA's Service Department, above.

(5) Any unit used for industrial or commercial purposes.

Who may enforce the warranty:

This warranty is enforceable only by the original purchaser.

What we will pay for and what you must pay for:

YAMAHA will repair or replace units covered by this warranty, without charge to the consumer for labor or materials. YOU ARE RESPONSIBLE FOR ANY INSTALLATION OR REMOVAL CHARGES AND FOR ANY INITIAL SHIPPING CHARGES, if the product(s) must be shipped for warranty service. However, we will pay the return shipping charges to any destination within the U.S.A. if the repairs are covered by the warranty.

How you can get Warranty Service:

(1) If your YAMAHA product(s) require service, contact the authorized YAMAHA dealer in the U.S.A. and the dealer will advise you of the procedures to be followed. If this is not practical, contact YAMAHA at the address, telephone number or Internet URL shown above. We may request that you send the defective product(s) to a local authorized YAMAHA Service Center, to an authorized YAMAHA Regional Service Center in the U.S.A., or authorize return of the defective product(s) to YAMAHA for repair or replacement at YAMAHA's option.

(2) Product(s) shipped for service should be packed securely and must be accompanied by a detailed explanation of the problem(s) requiring service, as well as your sales receipt or other proof of date and place of purchase, as evidence of warranty coverage.

(3) Warranty registration is not required for warranty coverage.

Limitation of Implied Warranties:

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Exclusion of Damages:

YAMAHA'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT, AT OUR OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. YAMAHA SHALL NOT BE LIABLE FOR DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE, DAMAGE TO ANY OTHER EQUIPMENT OR OTHER ITEMS AT THE SITE OF USE, OR ANY OTHER DAMAGES WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

YAMAHA

Should you encounter any problem with your model DV-S5650, DV-S5750, DV-S5751, DV-S5770, DV-S5860, DVD-S540, DVD-S550, DVD-S1500, DV-SL100, DVD-C740, DVD-C750, DV-C6660, DV-C6760, DV-C6761, DV-C6770, DV-C6771 DVD Player, or DRX-2 DVD Recorder, please follow the troubleshooting instructions in your Owner's Manual, and see the FAQs at WWW.YAMAHA.COM/YEC. Then, if your DVD Player requires service, please follow the instructions shown below. (NOTE: The following instructions and form apply only to the above DVD Player models and only for warranty-covered repair or replacement service, as provided by the YAMAHA One (1) Year Limited Warranty.)

INSTRUCTIONS:

1. Complete the service/exchange form below.
2. Pack the DVD Player, its Owner's Manual and all its accessories in the original box or a suitable alternative. If YAMAHA elects to exchange your DVD Player, you will receive replacement accessories with your replacement product. If you require information or wish to order new packing materials, call YAMAHA at (714) 522-9888.
3. Put the completed service/exchange form and a copy of your original sales receipt into an envelope. Label the envelope "Return Documents Enclosed." Place this envelope in the box with the product.
4. Seal the box with packing tape and ship the complete package via United Parcel Service or FedEx, insured and freight prepaid* to:

   YAMAHA Electronics Corp., USA
   Attn: DVD PLAYER SERVICE/EXCHANGE
   6600 Orangethorpe Avenue
   Buena Park, CA 90620

Within the terms of your YAMAHA Limited Warranty, the DVD Player will be serviced and returned to you or it will be replaced with a new or refurbished product within 5 working days.

*(You will pay all shipping and insurance costs for shipment to YAMAHA; and YAMAHA will pay all warranty-covered service or exchange costs plus shipping and insurance costs when returning a product to you.)

SERVICE/EXCHANGE FORM

Your Address (i.e., the street address to which YAMAHA should ship the serviced or exchanged product)

Name: _____

Street Address: _____ Apt. #: _____

City: _____ State: _____ Zip Code: _____

Your daytime phone number: _____ (8 AM to 5 PM Pacific time)

Detailed reason for return (use additional paper if necessary): _____

_____

_____

DVD Player you are shipping to YAMAHA

Model number: _____ Serial Number: _____

Remember, the box you ship to YAMAHA must include the following:

1. The DVD Player.
2. Owners Manual and all the accessories originally supplied with the DVD Player.
3. Sales receipt showing date and place of purchase.
4. Completed service/exchange form.

IF THE WARRANTY HAS EXPIRED, LEARN ABOUT YAMAHA'S DVD PLAYER CUSTOMER-LOYALTY PROGRAM AT WWW.YAMAHA.COM/YEC/CUSTOMER/DVDEXCHANGE.HTM OR CALL (888) 435-7932, MONDAY THROUGH FRIDAY, 8 AM TO 4 PM PACIFIC TIME.